

Biomed 32F



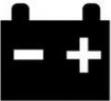
Portable refrigerator for the transport of chilled and frozen laboratory samples at a controlled temperature

- Available in 4 versions with different temperature adjustment range.
- Suitable for the transport of laboratory samples for clinical testing and environmental analysis, vaccines, pharmaceuticals, chemotherapy products, blood and blood products, organs.
- Easy to transport by car and easy to handle thanks to its limited dimensions and weight.
- 32 litres of capacity.
- The heating unit is triggered when external temperature is lower than the temperature set with the programmable digital thermostat. This allows to maintain a constant temperature even in case of very low external temperatures.
- The refrigerating unit is triggered when external temperature is higher than the temperature set with the programmable digital thermostat. This allows to maintain a constant temperature even in case of very high external temperatures.
- Accurate and reliable temperature control.
- Total compliance with the cold chain at all stages of transport.
- It can be transported using conventional vehicles: it allows to simultaneously transport chilled, frozen, and ambient temperature laboratory samples using a single non-insulated vehicle.
- Dual power source: during transport it can be connected to the battery (or auxiliary battery) of the vehicle and, at the destination, it can be connected to mains power.
- Produced with rotational moulding technology: the container and the lid have a monolithic structure (no sharp corners, junctions and welds).
- Fully recyclable at the end of the operating life.

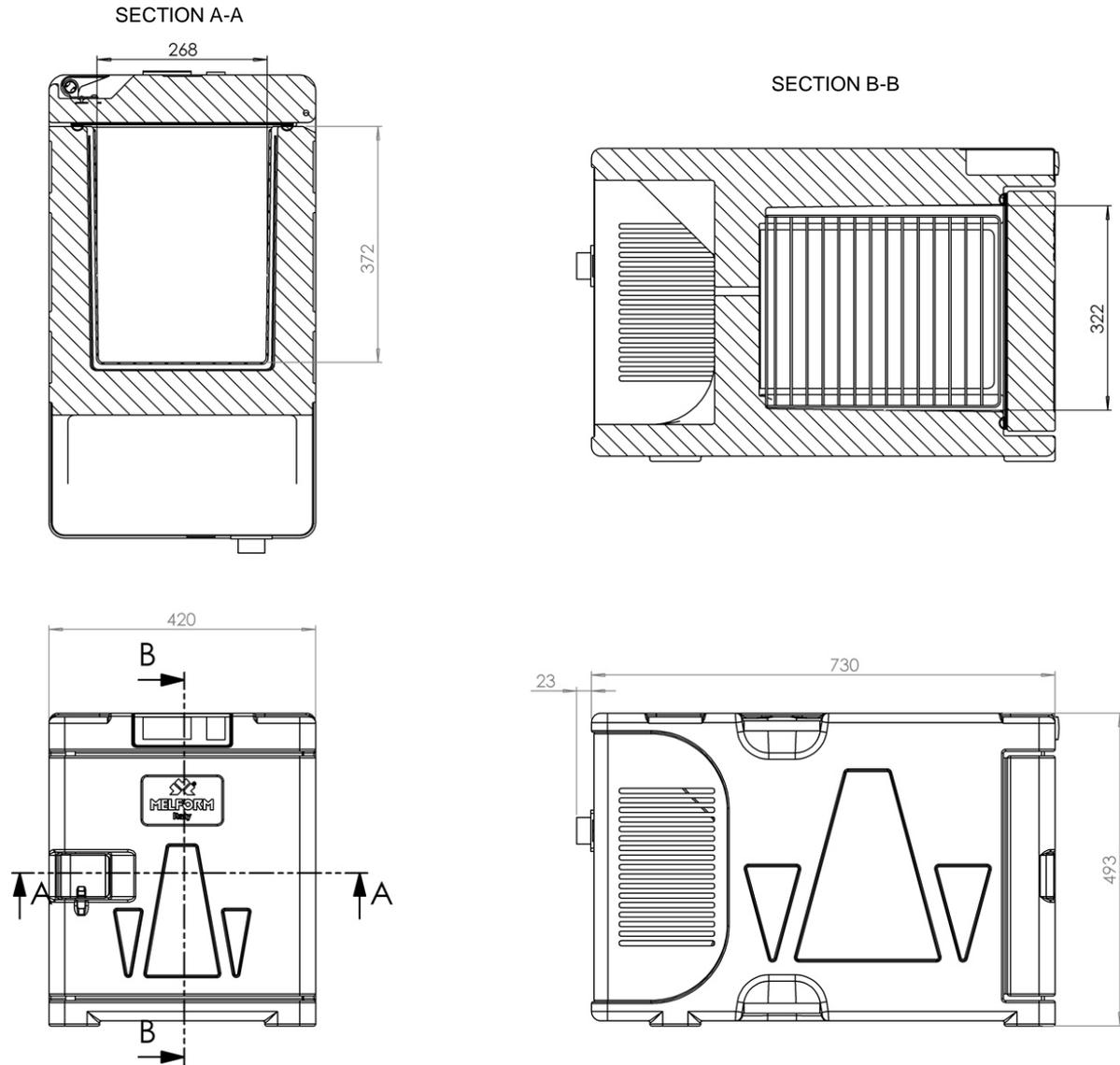
MANUFACTURING MATERIALS

Polyethylene	inner and outer walls of the container and of the door; food contact safe	Polyurethane	insulating material between the walls of the container and of the door; free of CFC and HCFC
Silicone rubber	gasket	Stainless steel	handle and closures, carry handles
Aluminium	casing		

CHARACTERISTICS

<p>Temperature range</p>	<ul style="list-style-type: none"> • 0°C to +40°C • -18°C to +40°C • -25°C to +40°C • -30°C to +40°C 	<p>+/- 0.5 °C</p>	<p>Degree of accuracy in temperature adjustment:</p> <ul style="list-style-type: none"> • +/-0.5 °C
	<p>Protection against voltage drops of the vehicle battery, in case of voltage drop below the limit value of 11V.</p>		<p>Adjustment and control of the temperature with programmable digital thermostat.</p>
	<p>Equipped with two cables: for 100/240Vac 50-60Hz power supply;</p>		<p>for 12Vdc power supply</p> <ul style="list-style-type: none"> • with fork terminals for connection to the battery of the vehicle • with cigarette lighter socket (depending on versions, see table in technical specifications for detailed information).
	<p>Cooling unit performance guaranteed for use at ambient temperature:</p> <ul style="list-style-type: none"> • +10°C to +30°C. 		<p>Container (insulated case) guaranteed for use:</p> <ul style="list-style-type: none"> • -30° to +100°C.
<p>GAS</p>	<p>Coolant gas:</p> <ul style="list-style-type: none"> • R134a 85 g (versions 0°C +40°C; -18°C +40°C; -25°C +40°C) • R507a 110g (version -30°C +40°C) 		<p>Door seal fastened with stainless steel staples.</p>
	<p>Hinges integrated in the container.</p>		<p>Convenient sturdy closing system.</p>
	<p>Evaporator protection grid in plastic metallic wire.</p>		<p>Monolithic structure, no sharp corners, junctions and welds.</p>
	<p>Stainless steel carry handles integrated in the body.</p>		<p>Insulated with CFC and HCFC-free polyurethane foam</p>
	<p>Stainless steel interlocking kit available to interlock two stacked containers</p>		<p>USB data logger available (on request) to record temperature data during transport.</p>

TECHNICAL SPECIFICATIONS



Model	Code	12/24V power supply Fork terminal	12/24 V power supply Cigarette lighter socket	Power input	Fuses
Biomed 32F 0°C to +40°C	39AF1015		✓	0.35A 230Vac 7A 12Vdc	4A for 230Vac 15A for 12Vdc
Biomed 32F -18°C to +40°C	39AF1013		✓	0.35A 230Vac 7A 12Vdc	4A for 230Vac 15A for 12Vdc
Biomed 32F -25°C to +40°C	39AF1011	✓		0.35A 230Vac 7A 12Vdc	4A for 230Vac 15A for 12Vdc
Biomed 32F -30°C to +40°C	39AF1012	✓		1A 230Vac 18A 12Vdc	4A for 230Vac 30A for 12Vdc

Model	Code	Colour	External dim. (mm)	Internal dim. (mm)	Capacity l	Weight Kg
Biomed 32F 0°C to +40°C	39AF1015	grey/blue melange	420x753xh493	268x372xh322	32	30
Biomed 32F -18°C to +40°C	39AF1013	grey/blue melange	420x753xh493	268x372xh322	32	30
Biomed 32F -25°C to +40°C	39AF1011	grey/blue melange	420x753xh493	268x372xh322	32	30
Biomed 32F -30°C to +40°C	39AF1012	grey/blue melange	420x753xh493	268x372xh322	32	30
Locking kit 2 latches	RRI137					1.2
Data logger USB	AFG002		80x33xh14			

